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Polyolefin resin compsn. for injection moulding - comprises polyolefin resin, filler and polyester plasticiser increasing fluidity

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Patent Family

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JP 3269036	A	19911129	JP 9066139	A	19900316	199203	B

Priority Applications (Number Kind Date): JP 9066139 A (19900316)

Abstract:

JP 3269036 A

Resin consists of 100 pts. wt. of (A) polyolefinm resin, 1-70 pts. wt. of (B) filler and 1-20 pts. wt. of (C) polyester plasticiser.

Polyester, plasticiser is oligoester of adipic acid and alkylene glycol or alkanol terminal-modified polyester. Polyolefin resin is pref. propylene-ethylene block copolymer and blend of propylene-ethylene block copolymer and ethylene propylene copolymer rubber. Inorganic filler is pref. talc, CaCO₃, mica, Ba sulphide, glass fibre, Organic filler is wooden powder and pulp.

ADVANTAGE - Fluidability is increased by the plasticiser and the impact resistance is increased without decrease of rigidity. Moulding pressure becomes lower at melt moulding. Very thin mouldings are easily prepd. and laminate moulding with expandable sheet gives deformation free and flow mark free prods. by decrease of compressibility of sheets. (5pp Dwg.No.0/0)

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